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ABSTRACT

2 A two-stage pressure relief valve for use with hydraulic systems is
3 disclosed. The two-stage pressure relief valve has a first stage that relieves
4 increases in hydraulic system pressure over the normal operating pressure and
5 up to a selected threshold pressure level, and a second stage that brings the
6 hydraulic system pressure down to a selected reduced operating pressure that is
7 below the normal operating pressure in response to increases in the operating
8 pressure over the threshold pressure level.